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# Donnelly Bros Inc.

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## Overview - Polypropylene, Fiber Grade

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**Subcategory:** Filled/Reinforced Thermoplastic; Polymer; Polypropylene; Thermoplastic

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**Key Words:** PP; Plastics, Polymers

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The property data has been taken from proprietary materials in the MatWeb database. Each property value report is an average of appropriate MatWeb entries and the comments report the maximum, minimum, and number of data points used to calculate the value. The values are not necessarily typical of any specific grade, especially less common values that can be most affected by additives or processing methods.

**Physical Properties**

	Metric	English	
Density	0.905 - 0.909 g/cc	0.0327 - 0.0328 lb/in <sup>3</sup>	Average = 0.907 g/cc; Grade
Water Absorption	<u>0.01 %</u>	0.01 %	Grade
Linear Mold Shrinkage	<u>0.017 cm/cm</u>	0.017 in/in	Grade
Melt Flow	1 - 100 g/10 min	1 - 100 g/10 min	Average = 21.1 g/10

**Mechanical Properties**

Hardness, Rockwell R	100	100	Grade
Hardness, Shore D	74	74	Grade

